

The Colorado Radio Collectors

Antique Radio Club

FLASH!

Volume 11

January



February

2000

Issue 1

SCOTT NEWS
NEWS OF LATEST DEVELOPMENTS IN THE SCOTT RESEARCH LABORATORIES

Vol. 2 APRIL, 1937 No. 10

PRESENTING

THE NEW SCOTT *Philharmonic*

In this issue...

- ◆ CRC Badges and Membership Listing ◆ Those Arcturus Blue Tubes ◆
- ◆ The Klase Regen Project ◆ E. H. Scott and the "Silver Ghosts" ◆

ABOUT THE COVER

Invoke the name of E. H. Scott in any circle of antique radio admirers, and the atmosphere of awe and respect becomes thick enough to cut with a knife. Turn to page 13 and read about this man who was so instrumental in raising the standards of radio receiver technology to such a high and respected level.

The Colorado Radio Collectors Antique Radio Club

Meetings: Unless otherwise noted in this journal, regular meetings are held on the second Sunday of every other month starting in January (except: 3rd Sunday of May) at 1:00PM at the VectraBank Building, Community Room, 1380 S. Federal Bl. The meeting normally includes business items, discussions, "show and tell", a raffle and a swap meet.

Membership: All dues are \$12.00 annually. Joining dues are prorated to June 1st. Contact club for foreign rates. Send dues and membership inquiries to the CRC Treasurer, Robert Baumann, 1985 S. Cape Way, Lakewood CO 80227, (303)988-2089, RGBdenver@aol.com

Article Contributions: Submission of articles are always appreciated. This would include historical and technical items as well as stories about individual collections. Articles may be written or e-mailed, and need not be in final form. Submissions and requests for information should be directed to the CRC "Flash!" Publisher, Larry Weide, 5270 E. Nassau Cir., Englewood CO 80110, (303)758-8382, lweide@ibm.net.

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Want Ads: Submission of Sell/Want ads are always free to CRC members. Non-members may advertise in the Flash! for \$0.20 a word. Display advertising is available by contacting the CRC publisher, Larry Weide, for info and rates.

Publishing Deadlines: All submissions must be submitted by the 1st of Feb, Apr, Jun, Aug, Oct and Dec. for publishing in the following months.

Thanks to the Pressworks for printing the Flash! - (303) 934-8600

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Upcoming 2000 CRC Events
CRC Meeting March 12th, CRC Show and Sale April



Colorado Radio Collectors Antique Radio Club

Founded October 1988

Dedicated to the Preservation and Education of
Wireless, Radio, Television and Associated Equipment.

Volume 11, Issue 1

January/February 2000

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A CHAT WITH THE PRESIDENT

Time Marches On!

by Tom Kelley, CRC President

Hello again fellow club members,

Happy New Year and welcome to the new year, decade, century and millennium - OK, OK, so we really have to wait one more year for the new millennium. We seem to have gotten through Y2K without much trouble, so now we can move forward with radio's second century. I wonder what direction radio will take?

The next big event for is the spring show in April at the Stock Show Complex. Last year our show was the biggest and best ever. Maybe we can do even better this year. I'd like to propose a display theme this year; something like, "The 20th Century, 100 Years of Radio". We could put our radios on display in decade order - it should be quite a show. Let's talk about it at our next meeting.

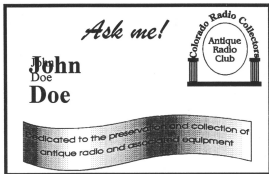
Our raffles and Show-N-Tells continue to be excellent. This adds a lot of interest to our meeting. Keep up the good work!

Tom

Hey look!

Each current regular member should find their new name badge attached to this page. Badge holders are available at the meetings.

Happy New Year from your harried Flash publisher.



No dufus, your name isn't John Doe! If you're a current member and your name badge wasn't affixed on top of John's badge then I goofed. Let me know and I'll get one to you.

Larry

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Please contact Larry Weide for any changes

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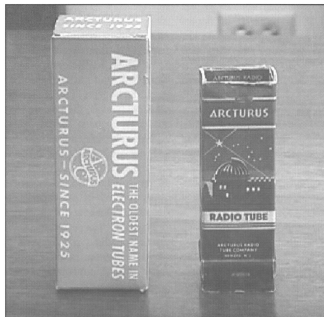
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Speculation on the Origin of the Arcturus Name

By Dana Hauschulz, CRC Member

The radio boom of the 1920's created a very large demand for vacuum tubes. Although RCA dominated the business there was a proliferation of independent tube manufacturers who also sought to participate in the rapidly growing

market. Gerald Tyne¹ lists approximately 278 different independent tube manufacturers in his book "Saga of the Vacuum tube". Among the 278 is a concern called Arcturus Radio Tube Company. Today, tube collectors



Two Arcturus tube boxes. The one on the left is a 0D3 voltage regulator dated after 1935 and is the newer of the two. The artwork shown on the box on the right first appeared as early as 1928 for the type 126 tube. The greater emphasis on the cosmic theme on the box on the right may reflect a corporate founder's interest in astronomy.

prize Arcturus blue glass tubes when they can be found.

Selection of a company name is not a trivial matter even under normal circumstances. But with so many companies in the fray, vacuum tube entrepreneurs likely gave a great deal of thought before bestowing a name on their new venture. Certainly, they were aware of each other. And there were so many others that name selection might tend toward the unusual. It may not have been enough to just steer clear of preexisting names which is a legal requirement, but better to confer a moniker that would somehow resonate in the mind of a potential customer. Indeed, careful attention was probably also directed at company logos and the supporting artwork printed on the tube box. While it is just a hunch at this time, I believe that there is much behind the choice of "Arcturus" for the name of a certain independent vacuum tube manufacturer.

As it happens, Arcturus is an orange-red star, one of the 20 brightest, located in the constellation Boötes. Figure 1 shows two tube boxes made by the Arcturus Radio Tube Company. Both boxes depict the astronomical theme, especially the box on the right that shows an observatory under a dark blue sky. Further, the

star placement over the observatory resembles the Big Dipper to the right with a very bright Arcturus correctly positioned beyond the handle of the Big Dipper on the left. Is this just a coincidence, or was attention to stellar detail provided by a vacuum tube businessman who also possessed a passion for astronomy?

And why Arcturus and not, say, Alpha Centauri or Vega? I believe the choice was quite deliberate, the intent being to create a favorable association between the orange-red color of the star and the new longer lived dull emitter filaments that glow with a similar orange-red hue. Both Tyne and Stokes² indicate that Arcturus began selling tubes in 1927. However, the box on the left in figure 1 says "Since - 1925". Either way, dull emitter (thoriated) filaments had only been invented a few years prior in 1922. These filaments greatly extended the working life of a vacuum tube because of their cooler, orange-red operating temperature. While Arcturus did not invent the thoriated filament, the company did make several noteworthy technical contributions to vacuum tube filament design. One of these innovations was a unique 15-Volt carbon heater that had a negative temperature coefficient³. The negative temperature coefficient

gave low start-up current surges ultimately arriving at a desired orange-red operating temperature after about 30 to 40 seconds.

While the color association between an orange-red star and dull emitter filaments is a little obtuse, Arcturus, nevertheless did succeed in creating a strong association between Arcturus Company and blue. Their boxes were blue and their glass was blue (until about 1933). I don't think that it is an accident that the box on the right portrays the night sky in a dark blue color. It is interesting, that after many years of sales, the message on the tube box shifted away from astronomy toward statements of longevity; I.E. "Since - 1925" and "Arcturus the oldest name in electron tubes". Apparently it became more important to reassure customers that the company had staying power rather than a whimsical tie to astronomy. The depression of the 1930's wiped out most of the independents. Stokes indicates that Arcturus survived until about 1941, while Tyne says the company continued to manufacture until 1952.

Maybe it's a little corny, but when I see an Arcturus tube in operation, I see the orange-red star itself radiating through nature's vacuum on a dark blue night. And I wonder, if the founder ever saw the

day that the vacuum tube he and others produced principally as a means toward earning a livelihood would ultimately enable the design of radio telescopes? His vocation may have been closer to his heart's avocation than he ever knew!

So, was the founder of Arcturus an amateur astronomer? Maybe. I acknowledge that the evidence presented here is circumstantial and I welcome thoughts and comments. My email address is hauschud@wcox.com.

Notes:

1 - Tyne, Gerald F. J., *Saga of the Vacuum Tube*, pages 351 - 365, Prompt Publications, Berkeley Heights, New Jersey, third printing 1994.

2 - Stokes, John W., *70 Years of Radio Tubes and Valves: a guide for electronic engineers, historians and collectors*, second edition, pages 167 - 171, Sonoran Publishing, Chandler, Arizona, 1997.

3 - Ludwell, Sibley, *Tube Lore: a reference for user and collectors*, Chernay Printing, Coopersburg, PA, 1996, page 12.

Stromberg-Carlson



Owned by Larry Weide, CRC member

Model 425H, 42-50MHz FM, 1941

A sad but interesting story is told through this table top FM only model. FM was invented in the mid 30's by none other than the great radio engineer and inventor Edwin Armstrong. By the late 30's Armstrong had invested what was left of his resources in the development of FM as a superior, static-free alternative to AM. He was promoting it through his "Yankee Network" that transmitted FM programming up and down the US North/East coast. In the mid 40's the FM frequency range was changed to a different band - where it exists to this day. Some argue that the change was forced by David Sarnoff, the president of RCA, in order to have the existing FM frequencies for TV audio. In any case, when the change came, all the Armstrong licensed radios immediately became obsolete. Not only did he suffer this loss, but by this time he was losing most of his important patent fights with RCA and DeForest. So, on a 1954 February evening, a despondent Edwin Armstrong put on his hat and coat and stepped out of his 13th story apartment window.

A 12-Volt Homebrew Regenerative Receiver

by Al Klase, Guest Contributor

[Al has given us his kind permission to reprint this article that he wrote and published in his organization's journal, the Delaware Valley Historic Radio Club "Oscillator". As you read, think about how much fun it would be to build one of these along with a youngster - or even just for yourself. Look for an upcoming article on your publisher's attempt at building one.]

One of the perennial favorites among radio construction projects is the one-tube battery-powered regenerative receiver. If it's equipped with a short-wave coil, signals come rolling in from thousands of miles away. Such a radio requires only a handful of parts and a couple hours to build, but here, in the late twentieth century, appropriate high-voltage batteries are getting harder and harder to find.

A solution to this problem comes to us from the 1950's. A line of vacuum tubes was developed for use in auto radios that function happily with just 10 to 12 volts on their plates. These tubes are languishing in tube stashes everywhere, and are available from the usual purveyors for a dollar or two. Get a tube or two, round up a 12-volt

gel-cell battery, a 12-Volt wallwart or cast-off computer power supply, and you're in business. Current consumption for a single tube will be about 200mA, mostly for the heater.

The 12-volt tubes have a couple of unusual characteristics. The most important of which is that they operate best with gridleak bias. The cathode should be grounded, and the grid resistor should be a very high value, e.g. 10 megohms. Also, the screen grid is generally connected directly to B+. Their major shortcoming is that they cannot supply significant amounts of output power, but this is not significant in a set using headphones.

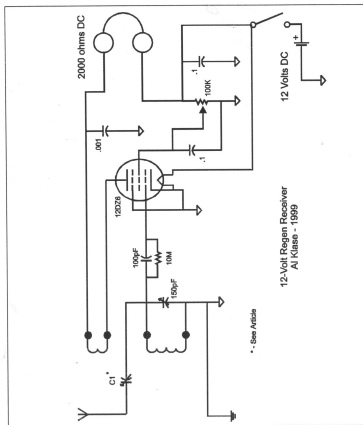
Some appropriate tubes for a 1-tube regen include: 12AC6, 12AF6, 12BL6, 12CX6, 12DZ6, 12EA6, and 12EK6. These are all pentodes with the same "7BK" pinout as the familiar 12BA6. For triodes, try 12AE6, 12AJ6, 12FK6, or 12FM8. These are similar to the 12AT6.

Here's the circuit I've been using. It's pretty much the standard hookup found in all the old books and magazines, so I'm not going to dwell on construction details. The grid-leak resistor has been raised to 10-meg. Regeneration is

controlled by varying the screen-grid voltage, but the other schemes should work just as well.

There are a couple of "old Indian tricks" associated with these circuits: If it won't oscillate, reverse the connections to the tickler coil. If the set goes quickly from no regeneration to a loud squeal, remove some turns from the tickler. The antenna coupling

capacitor, C1, is very important for proper operation. It should be variable. About 10pF maximum capacity is about right for shortwave operation. 50pF, or so, is needed for the broadcast band. This control allows you to loosen the antenna coupling if (when) the set won't oscillate, and also serves as a fine tuning control.



E. H. Scott - "Silver Ghosts"



Story Edited by Larry Weide, CRC Member

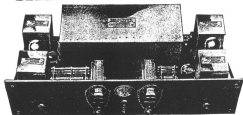
[This article is an excerpt from a story written by J.W.F. Puett in 1976, in his radio newsletter, "Antique Radio Topics". This issue was devoted to E.H. Scott and was titled "Silver Ghosts".]

Like that proverbial old violin at the auction, worthless until the old master picked it up and played - so would be the field of classic radio without the touch of perfection it received from Earnest Humphrey Scott. From 1924 to 1945, E.H. Scott built the world's finest radios, many of which, although nearly half a century old, are still treasured by their original owners.

was by temperament a perfectionist, an engineer whose all consuming desire was to be first - to produce radios which were guaranteed to "outperform any other radio or sound system in either a tone or long distance reception test." This was no idle boast. In the August 1935 Scott News, he wrote, "During the past ten years, I have repeatedly challenged the whole world of radio to any kind of competitive test, but during this period, not a single manufacturer has been willing to accept this challenge.

With the advent of World War I, Scott enlisted in the Australian New

SCOTT'S World's Record SHIELD GRID NINE



Radio's Greatest DX Performer
Gives You Hair-Line Selectivity - Wonderful Tone - Tremendous Volume

What sort of man was responsible for manufacturing radios which inspire this kind of devotion? Scott was not a man who enjoyed being second to anyone. He

Zealand Army Corps and served in France. During this time, he invented "a simple little gadget" (the telecator) for locating troubles in automobile engines.

The United States government purchased the rights for his invention which eventually amounted to a total of \$46,000.

When he was discharged in London at the end of the war, he decided to come to the United States, making Chicago his home. During his first two years in America, Scott became intensely interested in radio. In addition to an automotive column he wrote, he soon found himself supplying weekly articles on the construction of radio sets. In 1922, he originated the pictorial wiring diagram which helped thousands of non technical radio enthusiasts to build their first radio sets.

distance from Tasman, New Zealand to Chicago is about 8,300 miles. In 1924, very few receivers were capable of tuning in broadcast band signals from that great a distance. Scott tuned in broadcasts from Chicago. The morning after each program was broadcast, he cabled program details to the stations and sent them his logs by registered mail.

During his thirteen week stay in New Zealand, Scott logged 117 programs from 19 different stations, all 6,000 miles or more distant, establishing four world's records for the consistent night after night reception of stations 6,000 miles or more away. *The was 1924!*



Scott All-Wave 23, Full Range High Fidelity Receiver

After four years in America, Scott decided to visit his native New Zealand again. He was determine to take with him a radio of his design capable of receiving U. S. broadcast stations in New Zealand.

Before leaving Chicago, he arranged for stations WGN and WQJ (now WMAQ) to send him special programs when he reached New Zealand. The

To prove that he did not have a "freak set", Scott cabled Chicago for a duplicate set of parts and built a second receiver there in New Zealand. The second set performed as well as the first, and Scott named this receiver the World Record 9. The second set was left in New Zealand when Scott returned to America.

When Scott returned to Chicago, he received hundreds of requests from radio fans asking for construction details on the World Record 9. He published and sold hundreds of copies of a booklet which contained all the technical data on this set. Many who constructed his receiver had difficulty aligning the circuits and came to Scott for assistance. In that time, very few laboratories had the necessary equipment to "properly match" IF transformers. Mr. Scott was thus "forced to go into the radio business," and began supplying matched sets of IF transformers.

He opened his first laboratory, The Scott Transformer Company, in 1924. It consisted of two rooms, each about fifteen feet square, one an office and the other the laboratory. In the September 1933 Scott News, he wrote, "Right from the start, my only interest and ambition has been to design and build the very finest radio receiver possible." The growth of the company was rapid in spite of the depression, a tribute to the business genius of Scott.

Unfounded claims of fantastic sensitivity, selectivity and fidelity made by other manufacturers annoyed Scott. Upon reading an advertisement that a certain receiver "would give reception on the broadcast band of stations up to 5,000 miles in broad daylight," Scott offered to wager \$1,000 that it could not be done. His wager was refused. When a manufacturer offered "an open challenge to any and all reception records," Scott accepted by registered letter, offering a side-by-side reception test. The letter was never answered. Scott concluded, "Bluff is all right until someone calls it."

Scott guaranteed his receivers for five years, with only the tubes excluded. Holding to his belief that "The fine things

are always hand made," he never considered mass production.

Scott radios probably still hold more verified long distance broadcast-station reception records than the sets produced by other manufacturers combined. The following are just a few of the records that were established in 1924:

- * Greatest number of broadcast band stations and programs 6,000 miles or more distant:

- * Greatest distance over which voice and music had been heard - 8,375 miles.

In 1932, a Scott Allwave receiver in the United States established a record for the most consistent foreign-station short wave reception - every broadcast from station VK2ME in Sidney, Australia for twelve consecutive months - distance 9,500 miles.

Scott did not change the appearance of his sets each year as some manufacturers do for sales purposes. New innovations were constantly incorporated into existing receiver designs, but the models remained essentially the same in appearance. Only when significant developments could not be utilized without drastic changes, was a new model introduced.

Scott not only stayed abreast with the state-of-the-art, he often surged far ahead of his time. A few of the many "firsts" attributed to him are listed herein:

- (1) First allwave (includes shortwave) receiver offered to the general public -1928.

- (2) First 15 to 500 meter superheterodyne set without plug-in coils.

- (3) First true high fidelity radio capable of reproducing the entire audio range (30Hz to 15KHz).

- (4) First accurately calibrated dial -- within .1% on the broadcast band and within 3% on all short wave bands.

The supremacy of Scott receivers was now legendary, and their elegance increased as time marched on. There was the \$2,500 forty-tube Scott Quaranta, a special version of the Allwave Imperial with a very elaborate audio system, and finally, perhaps the greatest of all classics - the Scott Philharmonic.

Famous people in all walks of life owned Scott sets. In the world of music, many well known concert masters such as Arturo Toscanini, Eugene Goosens and John Barbirolli treasured the quality sound reproduction that only a Scott could

succumbed to bankruptcy and Scott purchased the company assets. Scott commented, "I did this rather than let the tradition for custom built radio pass to someone who might tear down the high standards of quality a custom built product represents."

Like many others who excel in their field, Scott was eccentric, demanding, and a strict disciplinarian, and at times even hotheaded. From the privacy of his roof-top office, he often checked on his salesmen's talks with prospective customers by means of microphones



bring. The list goes on and on - Frank Lloyd Wright, Guy Lombardo, Deems Taylor, Walter Winchell and countless other connoisseurs of the very best.

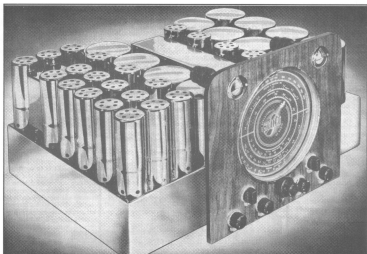
The period from 1935 to the end of World War II represents Scott's grandest years. His long time feud with McMurdo Silver ended in 1938 when Silver

hidden behind pictures in the Chicago sales salon. He once dozed off while driving his car and crashed into a Chicago bungalow. As a reminder that sleep can be dangerous, he had an artist paint a picture of the wreck which he hung in his office.

On the other hand, Scott was a man of depth and feeling and a generous employer. In a telegram to President Roosevelt in 1933, he wrote, "Have always believed employees entitled to a living wage and for that reason, have never paid our employees less than your minimum scale during the past two years."

Perhaps the greatest testimony to Scott's generosity could be obtained from hundreds of Australian and New Zealand service men who trained in Canada during

to locate ships at sea up to 100 miles away by tuning in on the minute signal from the local oscillator in any superheterodyne receiver aboard ship. In only 36 days, Scott designed and developed a receiver which produced no detectable radiation beyond 25 feet [this is the model RCH, also known as the AN/SRR-3 at 106 lbs.! One was found in Denver recently. - Ed.]. The company immediately began to manufacture these low-radiation receivers which were used both for communication and crew entertainment aboard Navy and



Scott 30 Tube Philharmonic

World War II. Scott financed and operated a club for these men in Chicago. They were treated royally, taken to ball games and on sight seeing tours. Scott made pictures of each man, and if one was killed or wounded in the war, he wrote a personal letter to their families.

At the outset of World War II, German submarines used direction finders

Merchant Marine vessels. The firm received the Navy E, the Treasury T and the Maritime M awards for their part in the war effort.

By the end of World War II, the last of the classic Philharmonics, Quarantas, and Special Communications Receivers had long since been shipped, and the days of glory were waning for E. H. Scott.

Even though he had \$2.8 million in business with the U.S. Navy in 1943, Scott found he had only \$76,000 left after renegotiation and taxes. Discouraged by previous deficits and uncertain about the postwar future of radio, Scott sold his 6,000 shares in the company for \$260,000, remaining in the capacity of president.

From 1943 to 1945, the relationship between Scott and other company officials declined sharply. Delayed four months on a trip to Australia, testing marine radio equipment, he returned to Chicago in June of 1945 to find that the company capitalization had increased from 6,000 to 251,000 shares and that 225,000 shares had been sold to the public. Scott further found that he had been demoted from president to advertising and sales manager. He turned down the job in a 3,500 word letter. Purchasing large ads in two leading Chicago newspapers, he publicly announced his resignation and disclaimed any responsibility for the stock sale. Without Scott's leadership, the company faded away and finally closed its doors in the early fifties.

Retired, E. H. Scott moved to the municipality of Saanich near Victoria, British Columbia, Canada. His home still stands near the top of the southern slope of Mt. Tolmie, a rocky isolated hill. This location provides a beautiful view of the city, and surrounding country including the Olympic Mountain Range in the State of Washington about twenty miles across the Strait of Juan de Fuca.

E. H. Scott passed away in 1951, leaving a legacy of quality and perfection which may never be equaled in the world of radio. The instruments he designed and manufactured were truly "THE STRADIVARIUS OF RADIO RECEIVERS" and in spite of his

eccentricities, Mr. Scott will be remembered as the old master whose magic touch made them play.



Heard on the Net



Online Personal Privacy

As most of you know by now, the internet is becoming more and more a part of our daily lives, at least in terms of communicating with one another and in the way many of us are starting to make purchases online. Consequently we are becoming more vulnerable to unscrupulous individuals and organizations who could take advantage of our online presence in ways that would be detrimental. So, here is a list of actions you might want to consider taking to help eliminate this exposure.

- ◆ Create an online persona with PrivaSeek.com or Digitalme.com
- ◆ Check out a company's privacy policy before giving out person information. (TrustE.org and BBB.org offers seals of approval for acceptable privacy policies.)
- ◆ Don't give out information unless a Web site has a satisfactory privacy policy.
- ◆ Make up a fictitious persona.
- ◆ Don't give out credit card numbers to unfamiliar sites.
- ◆ Set up a separate free e-mail account for any commercial information at such sites as hotmail.com or excite.com
- ◆ Don't send anything confidential in unencrypted e-mail.
- ◆ Create multiple profiles tailored to the site you're visiting
- ◆ Stop filling out as many forms as you can on the internet.
- ◆ Shut off your "cookies" - a piece of computer code that tracks where you go online. Go to www.junkbusters.com to learn how.

TO LEARN MORE

Visit the following privacy-related sites;

Cookiecentral.com TrustE.com Privacy.org www.epic.org
Ftc.gov ww3.org

Enjoy!

The NEW 1927 RADIO

-is here-

No Batteries

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No Acids

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No Chargers

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No Water

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No Worry

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No Attention



Supreme in
Tone

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Single
Control

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Doubly
Shielded

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Selective

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Powerful

"

Light Socket
Operated

ZENITH

TRADE MARK & REG.

→ LONG DISTANCE ← RADIO

Zenith makes the first and most important announcement in radio for 1927—The New Zenith, Model 17. Not a camouflaged, so called "Light Socket" Radio Set, but a truly custom-built radio, designed to operate *without wet or dry batteries, chargers, acids or water*. Just plug in to the light socket—that is all. No attachments to worry over. Always full power—this new model is adapted for use with 201A and 301A tubes. The tone is incomparable.

Send for descriptive literature

ZENITH RADIO CORPORATION, 3620 IRON STREET
CHICAGO, ILL.

Radio News, May 1927

Collector Books for Sale

CRC Members get specially reduced prices on popular collector books. Place and receive your order at club meetings. If ordered for mail shipment add \$1.75 postage for each book ordered. For information and ordering: Charles Brett, (719) 495-8660, brett3729@aol.com. This listing has item and price updates - void all other listings.

| | <u>Retail</u> | <u>Club</u> |
|--|---------------|-------------|
| RADIO, (GENUINE PLASTIC) OF THE MID CENTURY Jupp & Pina, hard bound, 219 pgs, 1998 PG, 450+ color pics | \$39.95 | \$28.00 |
| ANTIQUÉ RADIOS, COLLECTOR'S GUIDE - 4th EDITION Bunis, 1997 values, revised & updated, new photos, 248 pgs | \$18.95 | \$15.00 |
| GUIDE TO OLD RADIOS, POINTERS... - 2nd EDITION Johnson, 277 pgs, 1995-96 prices | \$19.95 | \$15.00 |
| ANTIQUÉ RADIO RESTORATION GUIDE - 2rd EDITION Johnson, 144 pgs, repairing, refinishing, cleaning | \$14.95 | \$12.00 |
| RADIO, EVOLUTION OF THE - VOLUME ONE 227 pgs, 118 in color, More than 800 radios pictured and priced for 1992, picture from the collections of CRC members Jim Berg and Johnny Johnson | \$22.95 | \$18.00 |
| RADIO, EVOLUTION OF THE - VOLUME TWO All different from Volume One, 226 pgs, Color, Radios of the 1920s to 1960s, with 93-94 values, pix from CRC member Jim Berg | \$24.95 | \$19.00 |
| TRANSISTOR RADIOS, COLLECTOR'S GUIDE VOL II Bunis, 1996 prices, Full Color | \$16.95 | \$13.00 |
| ZENITH TRANSISTOR RADIOS, 1995-1965 Smith, 1998 PG, 160 pgs, 226 color pics, info, descr. | \$29.95 | \$22.00 |
| THE ZENITH TRANS-OCEANIC (THE ROYALTY OF RADIOS) Bryant and Cones, 160 pgs, 1995 | \$29.95 | \$22.00 |
| ZENITH RADIOS THE EARLY YEARS 1919-1936, Cones 1997-98 Price Guide, 223 pgs, 100's Photos, Desc., Hist. | \$29.95 | \$22.00 |
| RADIOS BY HALLICRAFTERS, revised 2nd edition Dachis, 1999 values, 220 pgs, 1000+ pics, id's, history | \$29.95 | \$22.00 |
| CLASSIC TV'S, PRE-WAR THRU 1950'S 86 pgs, color & b/w pics, descriptions, etc. | \$18.95 | \$15.00 |
| Machine Age to Jet Age, Radiomania's Table Radio Guide I, '33-'59 Stein, 255 pgs, 100's photos | \$24.95 | \$19.00 |
| Machine Age to Jet Age, Radiomania's Table Radio Guide 'II, 30-'59 Stein, 358 pgs, 100's photos | \$28.95 | \$22.00 |

| | | |
|---|---------|---------|
| TRANSISTOR RADIOS, 1954 TO 1969 | | |
| Norman Smith, with prices, 160 pgs, 1000 photos, 1998 | \$29.95 | \$22.00 |
| PHILCO RADIO: 1928 - 1942 | | |
| Ramires & Prosis, 160 pgs, 828 pics & drawings, 1993 | \$29.95 | \$22.00 |
| RADIO AND TV PREMIUMS | | |
| Jim Harmon, 256 pgs, 200+ photos, 1997 | \$24.95 | \$19.00 |

NOTICE

There are a number of limited quantity one-time purchases of books that are only available at meetings and are not listed here. Be sure to check with Charles Brett for availability and titles that you might be interested in.

UPS Special Standard Mail (Book Rate)

| | <u>BookRate</u> | <u>Priority</u> |
|-------|-----------------|-----------------|
| 1 lb | \$1.13 | \$3.20 |
| 2 lbs | 1.58 | 3.20 |
| 3 lbs | 2.03 | 4.30 |
| 4 lbs | 2.48 | 5.40 |

"The Open Trunk" Classified Advertisements

◆ See IFC for ad details ◆

WANTED: Radione German radios Model R-2 1939 portable, Model R-3 1942 Mil. portable. • Zenith Royal 500 hand wired, & 500E models. • Sub-min tube shirt pocket radios, especially Hoffman "Nugget" **John A. Miner** (303) 831-5252 days
hohum@uswest.net

FOR SALE: Reproduction Philco Cathedral cabinet parts. Front panels, rear arches, bottom moldings. Grandfather clock finials, colonial clock top trim and finials. Reproduction 90, 70 and 20(std) cabinets. Other needs such as other style moldings from your sample. Inquire. **Dick Oliver**, Antique Radio Svc., 28604 Schwalm Dr., Elkhart IN 46517. (219)522-4516

WANTED: • The female power (battery) plug for a Kemper portable K-52. Similar to octal except has 7 pins and two round locating pins (edge and center). • Knobs for a Crosley 601 bandbox. **Mark McKeown**, (303) 278-3908 mmckeown@tde.com

FOR SALE: • Crosley "Bullseye" with fins. **Bill Hinkely** (303)730-8539

WANTED: • Stewart-Warner model R-123 chassis, used in receiver models

1231 to 1239 (see Riders volume 6 page 6-2 for picture of chassis). • Chassis for AK 217, and Majestic 371. **Jerry Tynan**, (303)642-0553
jtynan@worldnet.att.net

FOR SALE: • Copper Rod, save \$\$\$\$\$\$, several diameters available to make your own soldering iron tips (or I can for you). • Radio repair and restoration service. **David Boyle**, 1058 Colt Cir., Castle Rock, CO 80104 (303)681-3258

WANTED: GE clock radios, models 900 & 903. **Tom Kelley**, 971-1/2 Pleasant St., Boulder, CO 80302 (303)444-1837

FOR SALE: • Arvin 450 • Belmont 636 • Airline 94-HA-1528 • Motorola 50-X-1

WANTED: • Chassis for Sparton Model 931. • Cathedral cabinets for Philco mod 50 & AK 627 • Chassis for RCA 120/124 & Steinite mod 22 • Information about any radios manufactured in Colorado; A&M, Madison/Moore, Buckwalter. etc. **Wayne Gilbert** (303)465-0883

WANTED: • Dial drive assembly for a Philco 42-327, or a junker with dial plate, support, dial pointer and sheaves

intact. • Case and knobs for a Zenith 6D311 Bakelite set. • Articulated detector arm for a Flivver crystal set. • Westinghouse Little Jewel (Refrigerator); H-124 dark green, H-127 burgundy. • Palomar base/amplifier. **Fred Sodamann**
2603 N. Greenwood, Pueblo 81003
(719)543-6654, fritz@market1.com

FOR SALE: • Victor console, 1927. • GE Tombstone Model A63, 1935. • Majestic Tombstone, 1935. • Zenith 5G01, 1950. • Emerson Model 529, portable record recorder, 1950 Two tone arms and mike - NITB. • Precision Tube Tester Model 10-54. • 2 spools of jumper leads, 2 spools of 40's hookup wire. **Clyde Benge**,
10057 S. Falcon Creek Dr., Littleton CO 80126, (303)683-0624

FOR SALE: *Juke Boxes!*
• Rockola 441 "Deluxe" \$300.
• Wurlitzer "Cabaret" \$300.
Dave Wanner, 3230 W. Grand Ave.,
Englewood, CO 80110 (303)797-7563

FOR SALE: • Plug-in peak noise limiter for National TC5 Rcvr \$15 • Zenith rotor wave magnet 9x4x16 \$25 • Original factory ship. carton for Philco F743 \$7 • Philco "G" elec/dny speaker \$10 • Crosley Prestotune 12, model 1227 chassis w/tubes \$30 • Sears model 1324 chassis w/tubes \$20 • RCA R-32 chassis (3 pc's) wo/tubes \$25 • Sparton 966 chassis wo/tubes • More stuff, books/mags, vibrators **Bill Buseti** 902 Bellview #6, La Junta CO

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81050 (303)384-2365 week days

WANTED: Working, complete, covers • Mountain Dew BB92 • Napoleon Cognac BB93 • Peachtree Cream BB97 • Scotch Seven BB100 • Mr & Mrs "T" BB106 • Camel Cigarettes BB156 • Salem Cigarettes BB161 • Viceroy Cigarettes BB162 • 7UP Vending BB239 • Dr. Pepper Vending BB239 • Batman (black vest) BB353 • Pick Panther BB390 • Battlestar Galactica BB447 • Stariod IM4U BB486 • Fleischmanns Gin B329 • Ice Cream Bar B381 • Ice Cream Cone B382 • **Ron Smith**, 145 Carr St., Lakewood CO 80226, (303)274-7522

WANTED: • Old Radio magazines for my research library in Antique Radio. Need copies of pubs like Radio Design, Radio Age, and Radio Craft -1920's thru 1940's. Will provide good home, or purchase singles or full sets at a fair price. Also interested in publications from various companies; Aerovox, RCA, Sylvania, Bell Labs, etc. Likewise, need old test equipment literature and manuals. **Charles Brett** 5980 Old Ranch Rd., Colorado Springs CO 80908 (303)495-8660

WANTED: • Zenith H511/50L6 chassis or part # 22-1804 & diag/schematic • Crosley 56TN-L restorable cabinet. **Fred White**, Day (303)966-5386, Eves 303-828-3250

Hey Folks!

As soon as this column fills up I'm going to have to start eliminating ads starting from the top (oldest). You could be doing someone a favor if you let me eliminate an ad that is no longer useful—or the item has been sold already for goodness sakes!

Please let me know ASAP.

Thanks,
Larry

Colorado Radio Collectors
Antique Radio Club
5270 E. Nassau Cir.
Englewood CO 80110



FIRST CLASS



**The January meeting is on Sunday the 9th at 1:00 PM
VectraBank Building at Federal and Arkansas**